

PROSPERO BIGAZZI, MD, PhD

Consultant Orthopedic Surgeon

Hand & Upper Limb Surgery | Elbow Arthroplasty Specialist

Florence, Italy

Italian Nationality

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PROFESSIONAL SUMMARY

Senior Consultant Orthopedic and Hand Surgeon with over 20 years of post-specialization experience in upper limb surgery and elbow arthroplasty.

Currently Upper Limb Joint Replacement Coordinator at a tertiary university hospital in Italy. Extensive experience in complex elbow reconstruction, primary and revision elbow arthroplasty, post-traumatic upper limb reconstruction, reimplantation and advanced microsurgery.

US patent holder for an innovative self-centering hinged external elbow fixator. Active academic surgeon with peer-reviewed international publications and faculty roles in international cadaveric training programs.

CURRENT POSITION

From 2025

Upper Limb Joint Replacement Coordinator
Department of Orthopedics,
Azienda Ospedaliero-Universitaria Careggi
Florence, Italy

From 2004

Consultant Orthopedic Hand Surgeon
Hand Surgery & Reconstructive Microsurgery Unit
Azienda Ospedaliero-Universitaria Careggi

PREVIOUS POSITIONS

2002→2025

Director, Surgical Unit
Villa Cherubini Private Surgical Clinic
Florence, Italy

2002–2004
Orthopedic Surgery Assistant
Villa Santa Chiara Private Surgical Clinic
Florence, Italy

CLINICAL EXPERTISE

Hand surgery & Upper Limb Reconstruction

- Chronic Essex-Lopresti lesions
- Forearm nonunions/malunions
- Distal radius fractures /malunions (complex & revision cases)
- Carpal fracture fixation
- Scaphoid nonunion

Elbow Surgery

- Primary and revision total elbow arthroplasty
- Radiocapitellar arthroplasty
- Complex elbow instability
- Post-traumatic stiffness and arthrolysis
- Forearm synostosis
- Distal humerus fractures (elderly & complex cases)

Shoulder Surgery

- Primary and revision total Shoulder arthroplasty
- Arthroscopy
- Rotator cuff repair
- Complex shoulder instability
- Proximal humerus fractures

Peripheral Nerve & Reconstructive Microsurgery Surgery

- Nerve transfers in tetraplegia
- Tendon transfers
- Microsurgery
- Complex soft tissue reconstruction

SURGICAL EXPERIENCE

- 20 years independent consultant-level practice
- Over 500 operation/year
- High-volume tertiary referral center experience
- Complex trauma and revision arthroplasty practice
- Experience in both public university hospital and private surgical setting

EDUCATION & QUALIFICATIONS

Doctor of Medicine (MD), University of Florence – with honours

Specialist in Orthopaedic Surgery

Specialist in Hand Surgery – with honours

PhD in Clinical and Pathology of the Musculoskeletal System

European Diploma in Hand Surgery (FESSH)

INTERNATIONAL TRAINING

University of Virginia (USA) – Microsurgery Training

Wellington Hospital (London, UK) – Orthopaedics

JF Celin Clinic (London, UK) – Plastic & Reconstructive Surgery

PATENT

US Patent No. 8,632,541 B2

Self-Centering Hinged External Elbow Fixator

Patented in USA, UK, France, Germany, Switzerland, Italy

LEADERSHIP & PROFESSIONAL ROLES

- European Surgical Consultant – LIMA Corporate (Elbow Arthroplasty)
 - National Council Member – Italian Society of Hand Surgery (SICM)
 - Reviewer – BMC Musculoskeletal Disorders
 - Reviewer – Injury (Elsevier)
 - Reviewer – EFORT Open Reviews
 - Member – National Commission on Research & Innovation (SICM)
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TEACHING EXPERIENCE

- Lecturer – Master's Program in Hand Surgery, University of Milan
- Course Director and Faculty – Advanced International Cadaver Labs

- Tutor for Orthopaedic Residents
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RESEARCH & PUBLICATIONS

Peer-reviewed publications in:

- Journal of Shoulder and Elbow Surgery
- Bone & Joint Journal
- European Journal of Orthopaedic Surgery & Traumatology
- Journal of Clinical Medicine
- Spinal Cord Series and Cases

Full publication list available upon request.